

ABSTRACT

Unique identifiers are created within a distributed application running on a distributed computer system. The unique identifiers are created by the various application copies, without reference to any central broker or synchronization mechanism. The identifiers include a local
5 identifier component and a set label component. The identifiers are associated with identifier sets. The identifier sets are used to facilitate efficient communication within the distributed system, dynamic load balancing and implementation of fault tolerance.

Patent 2,635,660